# Index to Volume 18
# January 1980—November 1980


**CAS/ACD (Centralized Attendant Service/Automatic Call Distribution)**

GTD-1000 Digital PABX CAS Main/ACD
*Kent A. Tapper, Prakash P. Thatte*
*vol. 18 No. 6 Nov. 1980 pg. 182*

PACET-A Programmable Attendant/Agent Console and Electronic Telephone
*Thomas Georgopulos, Paul U. Lind*
*vol. 18 No. 6 Nov. 1980 pg. 194*

**Centralized Telephone Administration**

A Data Commmunications Architecture for Centralized Telephone Operations
*Dipak Basu*
*vol. 18 No. 3 May 1980 pg. 105*

**Design Automation**

Automating the Layout of Printed Wiring Cards with a Graphics Based Computer Aided Design System
*Leonard Marks*
*vol. 18 No. 3 May 1980 pg. 99*

**Electronic Business Telephones**

Electronic Business Telephone
*Thomas J. Kopec, Paul U. Lind*
*vol. 18 No. 2 March 1980 pg. 34*

**Electronic Devices & Techniques**

Digital Tone Source Design for PCM Systems
*Michael Donnelly*
*vol. 18 No. 3 May 1980 pg. 69*

GTD-5 EAX Techniques
*Edward M. Horiuchi, Otto J. Kohout, Jeffrey P. Mills*
*vol. 18 No. 4 July 1980 pg. 125*

**Engineering Methods**

Extending Floor Plan Graphics to Support Mechanized Engineering Functions
*Kurt E. Ahlers*
*vol. 18 No. 1 Jan. 1980 pg. 26*

Installation Cabling Support System
*Patricia L. Bourassa, Harold R. Smith Jr.*
*vol. 18 No. 5 Sept. 1980 pg. 174*

**Field Testing**

GTD-3 EAX Synchronization—Experimental Results
*Konstanty E. Krylow*
*vol. 18 No. 5 Sept. 1980 pg. 157*

The Belgium No. 2 EAX International Field Experience
*Erik De Cooman, Wilfried R. Revets*
*vol. 18 No. 6 Nov. 1980 pg. 204*

**GTD-3 EAX (No. 3 EAX)**

Digital Tone Source Design for PCM Systems
*Michael Donnelly*
*vol. 18 No. 3 May 1980 pg. 69*

GTD-3 EAX Synchronization—Experimental Results
*Konstanty E. Krylow*
*vol. 18 No. 5 Sept. 1980 pg. 157*

**GTD-5 EAX**

Architecture of the GTD-5 EAX Digital Family
*Sergio E. Puccini, Robert W. Wolff*
*vol. 18 No. 4 July 1980 pg. 110*

GTD-5 EAX Hardware Description
*William S. Jinbo, Stig Magnusson*
*vol. 18 No. 4 July 1980 pg. 117*

GTD-5 EAX Techniques
*Edward M. Horiuchi, Otto J. Kohout, Jeffrey P. Mills*
*vol. 18 No. 4 July 1980 pg. 125*

GTD-5 EAX Packaging and Interconnection Techniques
*James U. Cardoni, David L. Vonder*
*vol. 18 No. 4 July 1980 pg. 135*

MUMS—A Multiprocessor Utility and Monitoring System
*William R. Haney Jr.*
*vol. 18 No. 4 July 1980 pg. 144*

The Program Naming Convention for a GTD-5 EAX Project
*Dennis H. Verbeek*
*vol. 18 No. 5 Sept. 1980 pg. 170*

**GTE-60 EPABX**

The GTE-60/GTE-60XF EPABX Systems
*Arthur F. Donovan*
*vol. 18 No. 5 Sept. 1980 pg. 163*

**GTD-1000 PABX**

The GTD-1000 Digital PABX Health Care/Motel Offering
*Ronald C. Wegner*
*vol. 18 No. 1 Jan. 1980 pg. 2*

Data Base Administration on the GTD-1000 Digital PABX
*Charles J. Garay, Paul L. Kouski*
*vol. 18 No. 1 Jan. 1980 pg. 8*

GTD-1000 Digital PABX CAS Main/ACD
*Kent A. Trapper, Prakash P. Thatte*
*vol. 18 No. 6 Nov. 1980 pg. 182*

PACET-A programmable Attendant/Agent Console and Electronic Telephone
*Thomas Georgopulos, Paul U. Lind*
*vol. 18 No. 6 Nov. 1980 pg. 194*

**GTD-4600 PABX**

GTD-4600—Venezuela
*Karl M. Johnson, Dennis R. Kowski*
*vol. 18 No. 5 Sept. 1980 pg. 150*

**International Application**

GTD-4600—Venezuela
*Karl M. Johnson, Dennis R. Kowski*
*vol. 18 No. 5 Sept. 1980 pg. 150*

The GTE-60/GTE-60XF EPABX Systems
*Arthur F. Donovan*
*vol. 18 No. 5 Sept. 1980 pg. 163*

The Belgium No. 2 EAX International Field Experience
*Erik De Cooman, Wilfried R. Revets*
*vol. 18 No. 6 Nov. 1980 pg. 204*

The International No. 2 EAX Digit Analysis Tránslator
*Eugene A. Wodka*
*vol. 18 No. 6 Nov. 1980 pg. 210*

**No. 2 EAX**

No. 2 EAX Expansion
*George J. David*
*vol. 18 No. 1 Jan. 1980 pg. 20*

Extending Floor Plan Graphics to Support Mechanized Engineering Functions
*Kurt E. Ahlers*
*vol. 18 No. 1 Jan. 1980 pg. 26*

The Belgium No. 2 EAX International Field Experience
*Erik De Cooman, Wilfried R. Revets*
*vol. 18 No. 6 Nov. 1980 pg. 204*

The International No. 2 EAX Digit Analysis Translator
*Eugene A. Wodka*
*vol. 18 No. 6 Nov. 1980 pg. 210*

**Office of the Future**

Commentary: New Horizons in Office Automation
*Warren H. Potenberg Jr.*
*vol. 18 No. 6 Nov. 1980 pg. 222*

**Outside Plant**

A Study of Various Alternatives to Provide Digital Techniques to the Subscriber's Loop
*Gerald H. Fleischfresser, Alex W. Kobylar*
*vol. 18 No. 6 Nov. 1980 pg. 216*

**Packaging**

GTD-5 EAX Packaging and Interconnection Techniques
*James U. Cardoni, David L. Vonder*
*vol. 18 No. 4 July 1980 pg. 135*

**PCM (Pulse Code Modulation)**

A Study of Various Alternatives to Provide Digital Techniques to the Subscriber's Loop
*Gerald H. Fleischfresser, Alex W. Kobylar*
*vol. 18 No. 6 Nov. 1980 pg. 216*

**Qualification Testing**

Accelerated Testing Techniques
*Naim J. Elias*
*vol. 18 No. 3 May 1980 pg. 93*

**Remote Switching Units**

Architecture of the GTD-5 EAX Digital Family
*Sergio E. Puccini, Robert W. Wolff*
*vol. 18 No. 4 July 1980 pg. 110*

**Software Administration**

Data Base Administration on the GTD-1000 Digital PABX
*Charles J. Garay, Paul L. Kouski*
*vol. 18 No. 1 Jan. 1980 pg. 8*

**Software—Call Processing**

The International No. 2 EAX Digit Analysis Translator
*Eugene A. Wodka*
*vol. 18 No. 6 Nov. 1980 pg. 210*

**Software—Design Methods**

An Analysis of the Performance of a Software Development Methodology
*Lawrence D. Lattanzi*
*vol. 18 No. 3 March 1980 pg. 41*

Interface Agreement Processor: A Software Development and Management Tool
*Prakash P. Thatte*
*vol. 18 No. 3 March 1980 pg. 54*

SPEC—The Functional Requirements Phase
*William S. McFadyen*
*vol. 18 No. 2 March 1980 pg. 61*

**Software—Support**

The Program Naming Convention for GTD-5 EAX Project
*Dennis H. Verbeek*
*vol. 18 No. 5 Sept. 1980 pg. 170*

**Station Apparatus**

Electronic Business Telephone
*Thomas J. Kopec, Paul U. Lind*
*vol. 18 No. 2 March 1980 pg. 34*

**Switching Systems—Diagnostics**

Automating the Validation of Switching Systems
*Douglas L. Huebner*
*vol. 18 No. 2 March 1980 pg. 47*

MUMS—A Multiprocessor Utility and Monitoring System
*William R. Haney Jr.*
*vol. 18 No. 4 July 1980 pg. 144*

**Switching Systems—General**

Architecture of the GTD-5 EAX Digital Family
*Sergio E. Puccini, Robert W. Wolff*
*vol. 18 No. 4 July 1980 pg. 110*

GTD-5 EAX Hardware Description
*William S. Jinbo, Stig Magnusson*
*vol. 18 No. 4 July 1980 pg. 117*

**Switching Systems—Network**

No. 2 EAX Expansion
*George J. David*
*vol. 18 No. 1 Jan. 1980 pg. 20*

**Toll Recording Systems**

Magnetic Billing Tape Recovery Techniques
*Konstanty E. Krylow, Philip Roberts*
*vol. 18 No. 3 May 1980 pg. 81*


A Comprehensive Index of *all* articles published in the *GTE Automatic Electric World-Wide Communications Journal* from Vol. 1, No. 1 through Vol. 18, No. 6 is available. Interested persons should write the *Journal* Editor, Public Affairs Department, GTE Automatic Electric Incorporated.